TABLE *20—(continued)*

With steam atomizing, the weight of steam being 0.30 the weight of the tar, the following changes in the waste gases will be produced:

	Cubic Meters per Kiligram				Cubic Feet per Pound			
	Air Supply in Percentage of Theoretical Requirements.							
	100%	120%	140%	180%	100%	120%	140%	180%
H_20	2.17	2.17	2.17	2.17	34.73	34.73	34 .73	34.73
Total	21.09	25.00	28.92	36.74	337.65	400 .	463 .	508.31
0_2	PC	ircent	Basis	t)			04	
$C0_2$	0.00	age	(We					
H_20	15.43	3.13	5.42	8.52				
	10.29	13.00	11.25	8.85				
N_2	74.28	8.68	7.50	5.90				
		75.19	75.83	76.73				

When the weight of the atomizing steam is 0.60 time the weight of the tar, the waste gases change as follows:

	Cubic Meters per Kilogram				Cubic Feet per Pound			
	Air Supply in Percentage of Theoretical Requirements							
	100%	120%	140%	180%	100%	120%	140%	180%
H_2O	2.91	2.91	2.91	2.91	46.68	46.68	46.68	46.08
Total. . . .	21.83	25.74	29.66	37.49	349.60	412.31	474 .	580.20
O_o	P<	jrc'ent	Basis	t)			99	
$C0_2$	0.00	age	(We	8 .35				
H_2O	14.90	3.04	5.28	8 .OR				
N_2	13 .35	12 .04	11 .00	7.78				
	71.75	11.32	9.83	75.19				
		73 . 00	73 . 89					